

EAI Selection Criteria: Business Process Management



Department
of
Education

ENTERPRISE ENGINEERING TEAM

ENTERPRISE APPLICATION INTEGRATION (EAI) EVALUATION CRITERIA

BUSINESS PROCESS MANAGEMENT													
Selection Criteria			WEIGHT	Weight Value	IBM		STC		Vitria		MSI Solutions		Total Possible
					Score	Weighted Score	Score	Weighted Score	Score	Weighted Score	Score	Weighted Score	
Workflow Services	Persistence of the state of the tasks that comprise the workflow processes.		H	1.5	3	4.5	3	4.5	5	7.5	1	1.5	7.5
	Centralized execution of the tasks across multiple systems.		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
	Manual intervention capabilities		M	1	3	3	3	3	3	3	1	1	5
	Ability to reenter a prior point in the process and change the flow based on new data or previously completed events.		M	1	3	3	3	3	3	3	1	1	5
	Ability to trigger events based on the status of multiple process		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
	Many-to-many mapping between input events/messages and output events/messages.		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
	Escalation procedures.		H	1.5	3	4.5	3	4.5	5	7.5	1	1.5	7.5
	Flexible assignment of process priorities		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
	Assignment of task dependencies		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
Report Services	Multi-source querying		M	1	3	3	3	3	3	3	1	1	5
	Real-time reporting		M	1	3	3	3	3	3	3	1	1	5
	Trend analysis		M	1	3	3	1	1	3	3	1	1	5
	Report definition services		M	1	3	3	1	1	3	3	1	1	5
	Report build services		M	1	3	3	1	1	3	3	1	1	5
	Report distribution services		M	1	3	3	1	1	3	3	1	1	5
Rules Engine	State-driven		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5	7.5
	Event-driven		H	1.5	5	7.5	5	7.5	5	7.5	5	7.5	7.5
	Data-Driven		M	1	5	5	5	5	5	5	5	5	5
					58	72.5	62	82.5	74	96.5	26	32.5	112.5
Percent					64.44%		73.33%		85.78%		28.89%		100.00%
Rating					**		***		****		*		